INVENTOR SEARCH

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FILE 'CAPLUS' ENTERED AT 15:08:14 ON 15 JUN 2007

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L8	STR
L11	625 SEA FILE-REGISTRY SSS FUL L8
L21	1 SEA FILE=CAPLUS ABB=ON US2005-561415/AP
L35	STR
L38	STR
L39	STR
1.42	151 SEA FILE-REGISTRY SUB-L11 SSS FUL (L35 OR L38 OR L39)
L43	S SRA FILE=CAPLUS ABB=ON L42
144	1 SEA FILE=CAPLUS ABB=ON L21 OR (L21 AND L43)

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STIC

eisei2-04-0 ChPLUS
Benzenexertemide, !-echyl-3,5-dibydccd,-0,N-bis(2-methox)ethyl)-6-[1methoxy-4-[2-4-morgholinyl)ethox|benzoyl|-(901) (UA 1000X MAMX)

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AU DOMASTINAS AI 20050164 EU 2004 (51349 16686410
CA 250357 AI DOMASTINAS CA 2004-7530574 2004016
EP 1640280 AI 20050465 EP 2004-768022 3004016
R: AT, BE, CA, DE, DK, EG, FR, 9B, GR, IT, LT, EN, NL, GE, KC, FT,
IE, ST, FT EC, CY, TN, BG, CZ, ZE, RU, PL GE
CN 1731563 A 20050573 CN 1004-76015997 20040616
US 1007027572 AI 20070200 US 0505-851145 20051158
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RECORD STN: D7 Gan 2005 WO 2004-JP8494 OTHER SOURCE(8): IP Entered STN OF

The natic compts. I (wherein n = 1.10, S1 = 8, CM, CM, etc., R2 = (unraubaninund alky), alknnyl, alknyl, ayrlealkyl, aryl, or heteroaryl; R3 and R5 = independently R. CM, and o. CM, etc.) or publicage or preammentically and S4 independently R. CM, and, CM, etc.) or publicage or preammentically acceptable ratus thereof are prepared as heat-aroot proteins (RSP) CC inharators. For example, the compound II wespectage as a multi-reep synthesis. It ishibited ade human MSP40 at the ennemitration of 10 pM. I are uprefile on sufficient agents (no eath).

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Mt. DAC (Rharmonological vorivity): RCT (Reactent): SPN (synthetic preparation): TRV (Therepoutic use): SFGL (Bickopycal study): PRZP (Pruphration): GAT (Benetant or respont): VSS (Useum) (drug candidate; preparation of benropbanone derive, as HSPSC inhibitors

realment of numer)
B19813-91-9 (PARISS
Bnoncoccotandro, N-[2-(dimenhylamino)cthyll)-2-nnhyl-3,5-dihydroxy-4-(4-metnoxybeonoyl)-R-(2-methonyethyl)- (901) (CA TAREX NANS)

10/561415

3102.201-0P 919012-20-1P 919912-20-1P 919912-24-1P 619912-25-4P 919912-26-5P 919012-27-0P 919912-26-7P 919912-29-6P 919012-79-019912-29-0P 919912-36-7P 019912-29-0P 811-PMC [Photomorological activity]; SFN (Gysthetre preparation); TRO (Therapeutan same); Dick (Exological study); FNSF (Properation); USTG

edrag candidate; preparacion of beanophenone derivo, ac RETES inhibitors for

trestment of tumon: 6:3416-39-4 CAPDIX Penzennannsmide, 2-oshyl-3,8-dibydroxy-4-(6-methoxybennnyl)-8-72-mentecytety/i-N-mentyl- (901) (CA INDA) #848:

# 15 #20 - 92 - 9 CAGLUS

Benzenneneramade, 2-ethyl-3,5-dibydroxy-N,N-his(2-bydroxyethyl)-5-(4-mnrHoxybenzoyl)- (NT) (CA INDEX NAME)

rismis-is-1 Christs Henzennenstamie, 3-enthyl-3,5-dibydvony-t-(6-methoxybennoyi)-h-methyl-4 (r-griddrylmonbyl)- (17-) ICA DibiK NAME:

819811-01-3 CARLUS 3-Fiperidiusmethanoi, 1-{[C-stBy1-3,5-daBwcrozy-6-(4-methozylenzoyl]phenyl]scety1}- (CA INDEX NAME)

819811-02-4 CABLUS 5-Paperidinecerboxamade, 1-[[2-ethyl-3,5-dibydroxy-6-(4-methoxybenzoyl)phenyl]seetyl]- (PCI) (CA INDEX NAME)

10/561415

STIC

pyridinylmathyl; - (scr) (COA INDEX DAME)

rista-mg-1 CAPLUS Pipermina, 3:([3-ethyl-2.5-dihydrwxy-6-(0-methoxybennoxi)phenyl[acetyl]-6-phenyl-(007) (CA INDE), DAMS)

#15933-20-4 CAPLUS

4-Piperidinel, I={[2:enhy]:0,5-dibydroxy:(-{6-enthoxybetzoyl)phenyl[acetyl]:e-phenyl- (901) (JA 1888A NARK)

risels=11-5 CAPLYE
Pipersume, I(Sectiv): ', '-dahydromy-6-'4-merthanybencey) greenyl] emecylj-4(egyzhadday): ', 50'ff' (GA TRIFK NAME)

$$\bigcap_{N} \bigcap_{H=0}^{N} \bigcap_{U=CH_2} \bigcap_{U=U}^{Et} \bigcap_{U=U}^{OH}$$

#19#11-02-0 CARBON Property of the state of

$$\mathsf{HO} = \mathsf{C} \mathsf{H}_2 \mathsf{C} \mathsf{C} \mathsf{H}_2 \mathsf{C} \mathsf{C} \mathsf{C} \mathsf{H}_2 \mathsf{C} \mathsf{C} \mathsf{H}_2 \mathsf{C} \mathsf{C} \mathsf{C} \mathsf{H}_2 \mathsf{$$

818631-65-7 CAPAUS Bestemescetamide, N-(2,3)-dihydroxypzogyt)-2-ethyi-3,5-dihydroxy-5-(4-methoxybendoyl)-H-methyi- (9CI) (VA INDEY HAME)

919611-97-9 CAPLUS Besseleacetamide, 2-ethyl-3,5-dahydzczy-6-(4-mesbonyberzcyl)-N-(3-

10/561415

STIC

619811-12-6 GAPDIE

Benzenstuttmide, 3-stnyl-3.5-dihy-hroxy-N-(2-hydroxystnyl)-6-(4-muthoxytensyl)-N-(2-methoxystnyl)- (901) (9A INDE IDME)

619813-14-6 CAPIDE Figoromann, 1-[Grethyl-3.5 dibydrowy K [s methoxybanznyk]phonyl[accsyl]-4-(I-methoxybanzyl)- [OCI] (CA INDEX DACE)

Tibril-18-8 CARRUE Pipermains, I.acetyi-4-[[L-stby] 3,8 thydroxy 6 G-mornoxybenzoy])phonyljacetyi}-(FII] (C4 TOPEY NAME)

risrdd-de-C CAPLUV Piperrennen, diffenskyls::(-dihydrowy-bije-methowybennoyl)gnenyl[acesyl]-6-methyl-1907; (DA HERP) DAME:

PR TINTELLINE CAPACIT

î

#19#33-16-2 CAPLUS

Benzensanetxmide, 3-echyl-N-(2-fursoylmachyl)-3,5-dibydroxy-3-(4-mathoxyberzoyl)-N-mathyl-1901) (CA IMDES DAME)

#19811-10-3 CAPHUS 1-Piperszimesthadol. 4:[[2:ethyl-3.5-dihydroxy-5-[4-methoxybeddoyl);henyl]adds4]. [OCT: [CA THDEX NAME]

\_ CH2-- CH2-- OH

918911-20-6 CAPRUS Piperazine, 1-[[2-(3.4-dimetrioxybendoy])-6-ethyl-3.5-dihydroxypbenyl]xcetyl]-4-pbenyl- (501) (CA INDEX NAMS)

10/561415

9

EXERN EROR FOLLOWILL (FT1) (CA TROPE FAME)

915921-26-1 CNPRUS Bendenescendande, 2-edigl-3,5-dibydrony-R-(2-nydrony-1-(hydroxymetbyl)edhyl]-6-(4-metboxyhenroyl)-- (901) (CN 10003 GAMX)

Et CH2-OH CH2-C-NH-CH-CH2-OH

#19811-37-2 CAPAGE Benchmark CAPAGE (A.S.-dihydrony-R-(2-hydrony-1-(h,droxymethyl)-1-methylethyl)-6-(4-methoxybeno;l)- (2CF) (CA IMPER NASS)

asems of 6 Tablos Emprenaectarides 7 (0.4 dimensionality) 6 only 0.5 dibyamony N.N hielz-byamonymy). (ect. (0.4 imme) dimen

HO\_ CH2\_ CH2\_ N но- си2- си2 10/561415

\$10811-21-7 CAPLUS

Penzennoutanide, 2-ethyl-3.3-dihydroxy-5-14-methoxybenzovil-N.H-dimethyl-(PGI) (Ch INDEX NGE)

613411-22-B CASLET Puperasion, 1-[9-etnyi-1.5-dlhydroxy-6-(3-methoxybenzoyl)phenyl]acasyl]-4-[3-budroxybrayi]- [901] (CA INDEX EMEZ)

#15#33-24-9 CAPLUT wwyboline, 4-(G-methoxybonnoyi)ghenyi[acetyl]-fwil (G-methoxybonnoyi)ghenyi[acetyl]-fwil (G-methoxybonnoyi)ghenyi[acetyl]-fwil

#15\*83-24-0 CARLUZ

Benzenmennum:de, 2-sthyl-3,5-dihydroxy-6-(4-methoxybonnnyl)-N-(3-(2-oxo-1-

10

10/561415

STIC

 $\begin{array}{lll} & \texttt{S1S012-50-5} & \texttt{CAPLES} \\ & \texttt{Bedicenescetamide}, & \texttt{2-ethyl-c-(q-finozobenzoyl)-3,5-othydroxy(N,N-bis(2-hydroxyethyl)--(9CI)--(CA-INDEX-RAME)} \\ \end{array}$ 

B19B11: re-2 CREADB Rigeraria, 1=[[1:-echyl=3,9-dihydroxy=e-t4-bydroxybenxoyl:phenyl]acetyl]=4-phenyl: [wtf] to index NAME]

STIC

\*:34:1 40 D OAGUET 4-Piperadisemeticnos, 1-12-etigi-5,5-diburzowy-6-(a-methrwienzowilpheas.jscatys)-10015 CON INDEX NUMB:

519811-43-3 CAPUMS
PROFERENCE: 1-13-chlorophenys; 4-1[2-cupsi-3,5-dinyinoty-6-(4-cubsinze)]phenyljacetyl]- (26) (CA INLEX NAME)

TERTIS-45-S CARLUT Renzemmanntamide, 2 otbyl 4 (6 fluorobenny)] 3,5-dihydroxy-N (2-nydzexyethyl) N-(1 methexyethyl)- (371) - (04 INDEX NAMB)

%15731-46-6 CAPLUS Piperiding, 3-(3-min)-3...dihydrwxy-6-(6-methoxybannoyi)phenyilacetyl)-6 (methyleulfonyi)- (371)- 103 INSK NAME)

13

10/561415

513811-86-8 CAPLUE

Servantandamide, 2-benzovi-6-ethyl-7,5-dibudzczy-N-(2-nydzozyethyl)-N-(2-medbozyethyl)- (05) (05 INDEX NAME)

tists=67-9 CARLU
4-Pipervd:nemethato1, 1-{(2-benzoy1-6-mthy1-3,5-dibydraxyphony1)aceny1;full (CS, TRDK NAME)

ristin-s6-0 CAPROS Benzenesemumide, 2-enhyl-3,5-dibydroxy-t-(3-hydroxybennogl)-N-(2-hydroxyetbyl)-N-(1-methoryenbyl) (501) CA-REEN NASI

#15#32-59-1 CAPLOS Bebbenementamide leedigh-5,7-dubgebourg-6-(a-hydrocybentogh)-8,8-bie(2-hydrocymthyl)- (vol) - 104 chock damin

10/561415

Bigers as 5 CMPSUS

Bigersarinous, a (15 cPbyl 0,5-diagdresy 6 to monanzybensoys)phonystwostys]

1-bnenyl- (ACI) COLINERY NAME;

819832.46.8 TRILOB
Emmont Accountable, 2 of byl n (3 formanylmothyll).8.6.dshydroxy-N-(L-byltoxynshyll).4.64-methoxylmothylli-(BCI) (CR THEBE NAME)

610311-84-2 CABLMS PROPAGATION (2-benzayi-6-ethyi-1,5-dibvercxypnenyiledetyl)-1-(2-benzaying)- (501 CA INDEX NAME)

$$\bigcap_{N}\bigcap_{\text{Ph}}\bigcap_{\text{CH2}}\bigcap_{\text{Ph}}\bigcap_{\text{CH2}}\bigcap_{\text{N}}\bigcap$$

CAPTUE

Penzendendemide, %-benzoyl-6-ethyx-5,5-dibydzxxy-R,N-baw(2-bydrxxyethyl)-(bdl) (cA-INDEX-NAME) CH:

10/561415

818811-6-4 CSPEUS Bonconescetamido, 2-othy) 2,9-dibydroxy-6-(4-bydroxybenroy))-6-(1-hydroxyssbyl)-6-(2-mronoxyssbyl)- (5Cl) (CN LINEX NAME)

CN EN

algest=ki=5 (%Phos
Pipersethone, d=f[(h=ethy) d=t= fluereby=bxoyi)+1,1-dihydroxyphosyllaenty]]
t-phosyl= (ACT) (G2 NORK NASS)

#15733-62-6 CAPACS Bendareworkumade, 3-bileyh-9,5-dabydroay-N,R-bas(2-bydroxyetnyl)-6-(3-hydroxy--membhoxyemenroyd)--98C11 (CA-39882 MASS)

Biseria no mi capade Bessenescetamade. Caethyrio, Sidibydroxy, Taitzinydromyrthyriodais-bydroxy. 4 Gethoxydeonoyusin (Alicatbonydriyri) (pdf) (CA INDRX NASE)

о сн<sub>2</sub>-сн<sub>3</sub>-он сн<sub>2</sub>-сн<sub>2</sub>-сн<sub>2</sub>-оне

 $\label{eq:section} \begin{array}{lll} \texttt{SiSSIA-G4-8} & \texttt{CAPLCO} \\ \texttt{Bessenexcetandide} & \texttt{Jeebinyi-C-ij-timerc-4-wetnoxybessoylj-5,5-disydrosy-$.$. \\ \texttt{Section-capacityi-j-(scir-ich-immex-MAMS)} \end{array}$ 

BigGil-Ey-, CAELUB Bondencectamide, D-ethyl 6 (3-floore-4-methoxybonomyl)-3,5-dihydroxy-R-(2-hydroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(2-hedroxymshyl)-R-(3-hedroxymshyl)-R-

819811-67-1 CAPLUS

Sentence-setemide, S-ethyl-1, S-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-S-[4-(trithuoromethomy)benzoyl]- (PCI) (CA INDEX NAME)

10/561415

819811-69-3 CAPLIN Benzennungsamide, 2-[4-tdidiuorcmet.noxylbungcyl]-6-etnyl-3.5-dihydroxy-N.N-lsid(C-hydroxyethyl)- (9d1) (CA\_INDEX\_RAME)

6:1341-70-6 CAPDEC Benzenenbande, 2-44-(diffuercmothoxylunnscyll-6-cthyl-2,f-dihydroxy-N-(D-bydroxyethyl)-N-(D-methoxystnyl)- (901) (GA INDEX HERR)

17

19

6:3813-73-7 GAPENS Renzentanezanide, 2-otbyl-3,8-dibydroxy-N.N-bis(2-hydroxysthyl)-6-(3-hydrexy-4-sechylmencyl)- (801) (CA IMBE RANK)

18

10/561415

#15811-72-3 CAPHUM Bendensevertumide, Z-eriyi-15,5-dibydroxy-N-(2-nydroxyethyi)-4-(3-hydroxy-4-methylbensev)-1-H-(3-hydroxy-

Bi9611-72-5 CREDUB
Ennoncesetumids, D-ethyl-1,5 dibydrexy D (2 bydroxysethyl)-D-(2bydroxypropyl)-6 [4-(tr) fignremcthoxy/bydroxy] (907) (CA INDEX DAME)

 $\label{eq:continuous} \begin{array}{lll} \texttt{SISSING} & \texttt{SISSING} \\ \texttt{Senteneau en eniode}, & \texttt{Periode-Sissing} & \texttt{Periode-Sissing} & \texttt{Periode-Sissing} \\ \texttt{Central (central behavior)}, & \texttt{Periode-Sissing} & \texttt{Periode-Sissing} \\ \end{array}$ 

10/561415

919611-76-3 CSPh(W)
Benchmercotamide, 2-ebhyl-5,5-dabydroxy-R-(2-nydronyethyl)-R-(2-methoxyethyl)-6-(4-(methylaultonjl)benabyl)-(9Cl) (CA INDEX RAME)

819811-77-3 CARLOS D-Fyrrolidinemeshanol, 1-[[4-ethyl 3.8-dihyaraxy-5 [4-methoxybencoyl]phonyl)nensyl] , 1281- [671] (C\* TROSX NAME)

Absolute assisochemistry.

BH 819813-75-4 CAPECOS CH Emminococcomide, 7-(3,4 disentensite system in a cuty) 3,5 dilyanoxy-N-(2 hydroxyesys)-H-(1-nyisoxymnoys)- (001) (C2 IMPER NAME)

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TE - 819811 TO 3 - DAFFOR

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Renzonnanimistric, % ().4 disethezybenznyl) & ethyl d () firzeylmethyl) 3.5 disydrezy d (% sydrezyethy ().50) (C# foot NAME)

918913-69-8 CAPARUS Bendenesses amade, leach, leach by drong  $(3-(2-n)d \cos y \cos y) \cdot (3-(2-n)d \cos y \cos y) \cdot (3-(2-n)d \cos y \cos y) \cdot (3-(2-n)d \cos y) \cdot$ 

#15611-41-0 Childs
Boulemearetamide: 2-ediyi-5,5-dibudzoxy-6-(5-(5-bydroxyethoxy)-4methoxybounoy1)-R-(2-nydroxyethyi)-R-(3-methoxyethyi)-(5-01) (CK INDEX
NAME)

#15#11-02-0 CAPLUT Benzonannismide, 2-othyl 3.8-dibydroxy-N-(3-bydroxy-othyl)-N-(2-mathezy-thyl)-S-[4-mathezy-1 (3-mathezy-thoxylbonanyl)- (901) [CA [NDP], [AM2]

21

10/561415

015611-67-5 CAPACE Benueseccommid:  $\lambda$ -sthyi- $\lambda$ , 5-dihydroxy-6-[4-(2-bydroxyethsxyl-3-methoxybenoyl]-R-(2-hydroxyethyl)-N-(2-methoxyethyl)- [9CI] (Ch. NAME)

#11811-88 6 CAPLES Research 2.5 dibystoxy-N-(C-hydroxyothyl)-N-(2-motsoxyothyl)-E (3 methoxy-4-(1-motsoxyothoxyl)-cost)- (900) - [RAME]

Signification TASSUS Entertained the Communication of the Communication

10/561415 STIC

9:96:2-6.2-1 CAPLETS

furnicenesses amide: 2-editys-5, 5-dibuticay-N-(2-nydionvelly))-R-(2-methoxy-thyl)-(-(6-methoxy-1-(2-(6-methoxy-thyl))-thoxy-bedrauy-1)-(CA-190DX 100DX 100DX

619811-94-2 CAPTIAN

Penzananuauamide, 2-ethyi-9.5-dihydroxy-N-(2-bydroxyethyi)-6-(4-hydroxy-3-muuboxyienxoyi)-N-(2-methoxyethyi)- (901) (GA INDEX MAME)

Ellettiss: 3 CAPLUS Benzumanntumidm, 2-eebyl-3,8-dibysiowy-6-(4-hydroxy-1-manhazybenzoyi)-N,N-bas(2-mathoxy-shayi)- (901) (6A 1906X MMR)

RN 513811-96-4 CARLUE CM Benzummontamide, 2-othyl-2,8-dihydroxy-N.N-his(2-mothoxyothyl)-6-[4-(mothylaulfonyl)bmaceyl]- (90]) (CA INDER NAME)

10/561415

8186):-96-0 CRTEUS
Tonconcecctamids. C-othyj-3,5-dibydzczy-N-(2-bydznzyothyl)-6-44-metnizybensoyl;-N-[2-44-muzpholinyl)-thyi- (OCI) (CA INDEX NRMZ)

hydroxypropy)) B (% mochoxypropy); (90)) (GE TEDET GAME)

6198[1:98:9 CARDER Benzennauenemide, 2-sthyl-1 8-sthydroxy-5-14-methoxymenusyi)-8-12-methoxyethyl)-8-{2-(4-morgnolisyi:ethyl)- (901) (CA INPER NAME)

\$13811-96-6 CAPULE

SISTIT 90-6 GARRION PROPERTY STATEMENT OF THE STATEMENT O

61931-93-7 CARDIR Benzennnnnmamide, 2 othyl 3,5 dibydroxy-N-(2-hydroxyethyl)-4-(4-mnnhezybenzoyl)-N-(3 methoxypropyl)- (90f)- (CA INTEX #848)

119133-98-6 CAPLUF

Benzenananamide, / 2 - (5, 4 - dimerhesybonzoyl) - 5 - ot hyd - 3, 5 - dihydrosy - 17 - (5-

25

STIC

10/561415

819812-03-9 CAPLUS

Menzenescenemide. 2-ethyl-1 h-dihydroxy-0-(2-bydroxyethyl)-0-(2-menboxyethyl)-6-(4-:1-menbylethoxy)bennoyl)- (9C1) (CA INDEX NAMB)

819812-05-0 CASEUS

Berzeneseutemide, 2-ethyi-1 5-dahydroxy-6-(4-(2-hydroxyethony)-2-methoxybenzoyl]-N,N-ble(2-methoxyethyh)- (901) (CN IMPER NAME)

NINIO 06 1 CASTUE Benzemmentamiër, I (1.2 dimethry/benzoyl) N. (3-(dimethylamine)gropyl) 6 esbyl-1,8-dinydiony-U-17-methixyesbyl) (901) (CA INTEX RAME)

\*11P12 OF 2 CARVAN Ponzonannemando, O [N. Joseph Joannia Signings]] 2 cthyl N.S. dibydrowy C (a mon uwybonzoy) N (Z methosymnosi) (401) (CA INDEX ENSE)

B18611-9>-> UNIEDS
Denzeneacenemide. P-(3,4-dimenboxybenroyi)-6-enbyl-3,5-dibydroxy-N-(2-bydroxyenbyl)-0-(3-menboxybroryi)- (PCI) (CL TUBEL NAME)

618612-00-5 CALLUS Benkeneastenide, 2-(4-ethoxybentop))-6-ethyl-s,5-dihydroxy-U.N-bis(2-bydrxygchyl)- (801) (CA 186EL BARB)

819012:01:4 CASBUS Benzeneductumide, 3:44-ethouyLenzoy1)-6-ethyl-7:5:4Lhydroxy-W-(C-bydzxxyethyl)-N-(2-medicxy-thyl)- (9CI) (CA INDEX NAME)

819812 - 02 - 7 CAPLUS

Benzamaacetamide, 2-ethyi-3.5-dihydroxy-8,8-bis(2-hydroxyethyl)-6-(4-(1-methylethyxy)benzoyl)- (9CI) (CA INDEX NAME)

10/561415

STIC

#15912-06-1 ChPkVS Becomments. N=[2:\date(h)|a=100|chy|]-2-(3,4-dimethoxybenzoyl)-6-mchyl-3.5-widhydroxy-f\*-(2-methoxyechyl)- (901) [CA INDEX hAMN]

 $\begin{array}{lll} 818612-69-4 & \texttt{CAPRICO} \\ \texttt{Benneasestamide}, & \texttt{N-\{2\}} & \texttt{(distinylamino)ethyl\}-2-ethyl-2,5-dinydroxy-6-(1) \\ \texttt{metnoxybennoyl}) & \texttt{(N-\{2\})methonyethyl\}-\{991\}} & \texttt{(CA_INDZA_NNE)} \\ \end{array}$ 

#15#12-10-7 CAPAGE
Piperidane, 1-{{2-{3.4.dimetroxybensoy}}:-6:\*etnyl-3.5.
dinyinoxybenyi|acetyl|-4-{4-morpholinyi|- (OCI) (CA INDEX HAME)

#18512-12-0 CAPAGE Businesacetamide: 2-(4-ethex/posmovi)-6-ethyl-3,5-dibydroxy-N-(3-methoxyetbyl)-4-[2-(4-mospholinyl)+thyl)- (901) (0A INDEX MARE)

819812-19 A TWINUS Becommerce and the John Community of the later methodyethyl) of the later methodyethylyl of the later mass of the later

819612-15-2 CAREOR
Bonconeacctanddo, 2-acctyl-3,5-dibydroxy-R-(2-bydroxyothyl)-6-(4-methoxyonnoyl)-R-(2-methoxyothyl)- (901) (CA INDER NAME)

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ristis-is-3 ChRRCS Becommencetums.de. 3-53.s-Bess (4-methor, yothoxy) beczoyi) -6-mtnyi-3, 5-danydzowy, 0, 0-bas (2-hydroxysabyl) - (5/2) - (6/2) - (6/2) NKKE:

819612-17-4 RAPHUS
Beddenexcetamide: 2-{7.4-ris}(2-methoxyethoxy/bennoyi)-6-ethyl-3,5diny-iroxy-N-(2-hydroxyethyl)-N-(2-hetrixyethyl)-(9CI) (CA IMPEX RANE)

B19613-1:-5 URFLAM
BEARER-BORDAMAND. 2-ethyl-1, S-duhydroxy-8, S-bio(s-methoxyethyl)-6-(3-methoxy-6-(2-(4-morpholinyl)ethoxy)bearbyl)-, monobydroshlexide (9Ci) (CA INDEX MAMB)

29

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STIC

BinBin-19-4 Captus

Emmonacoccimidn, N-{2-(disambylamine)cthyl]-2-mmbyl-3,5-dibydroxy-4-(4-methoxybendoyl)-N-(3-methonyprojyl)- [CCI] (CA INDEX NAME)

819512-16-) TWFHOS
BROOMER-ACCIONATE, D-(3,4-dimensionsymmetry):-0-(5-(dimensymmetry))-6-sthyl 1.-dimensionsymmetry)
-(5-TROKK NAME)

BassaciteD CALEDS .Enternaceworlds. N-(2-(dimethylamino)ethyl)-1-ethyl-3 S-dibydroxy-4-(4-methoxybningyl) N-(2 mothrygerbyl) , mothydrechloride (901) (CA 1805X NAME)

● HCl

Bisers D. 1 Tarins Resonance and the Drothyl D. 6 displacety D. 6 add (Displacety at hydroxyce hyll-5 16 (Buillousement by)1-entrop11- (OCT) (GA INGE DAME)

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STIC

83.8612-23-2 CAPACO Tembersevanido, 2-edaby3-1, S-dabodroxy-H-(2-mydroxyethy1)-8-(2-methoxyethy1)-6-(4-firifiuozumethy1)benzoy1]- (901) (60.18022 RMM2)

Bandaraketamida, 2-12.4-diffuorohemmeyl)-d-etnyl-7.5-dihydroxy-N.M-hie(2-hydroxyenyl)- (901) (CA INDEX RAME)

BIRBLE-18-16-4 (RPIOS Bonomscocchamids, 2-(3,4 difluorobonses)) 6-ethyl-3,5-dihydroxy-N-(2 hydroxystäyl)-8-(2-methoxymrbyl) (901) (CE IMBRE BANK)

FIFTO 27 6 CAPTIF PROPERTY 3 digyiroxy-N.N-bis(2-metroxyerus) [7:1] menlezy-N.A-bis(2-metroxyerus) [7:1] menlezy-N.A-merjesing-lai-piperidinyl/repons/benzoy-1-.001. [02.1.02X NAM5]

Basels-2+\*\* CALLUS
Enconcocctogids. 7 crbyl 1,9 dabydrexy-8,8-bis(2-mnthexycoty)) 4 (8
mnchoxy 4 il (4 morpholing))prepoxy(beannyl). (907) (GA 1888) 48691

819812-29-4 TAMBUS

Benzameworteride, 2-ethyi-1 5-dihydroxy-N, N-Lim(2-methoxyethyl)-C-(3-methoxy-1-4-methyl-1-giperazinyl)-C-oxoethoxylbennoyl)-(3C1) (CN-1MNCM-MSMM)

#15#12-14-7 CAPLOB Buddenexet anide. 2-f1.7-c-m2 xizozol-5-yicarbopyl)-6-ethyi-3,5-dipydcxxy-N,8-dail-bydcxxy-myl)- (9XI) (CR\_INGEX\_BMS)

33

10/561415

methoxymnhyl) 3,5 bis(1-propenyloxy)- (901) (C% TODES NAME)

B19813-17-7 UALLUB
Menterneacons/del. 2-ethyl-b.d-bau(2-hydroxyethyl)-6-(a-hydroxyethyl-ball)
methoxylonomyl) 3,5 bist preprydoxyl- (ACI) (CK TNDEX NAME)

rivelb-sp-6 INPLOR
Bentamente, anthe InestigleN, N-buatI-mestmayethyle-6-[4[amony'sulfomylpeomogyl-8 a-bunt-gropomyloxy] - [900] CA TENNE NAMED

HO-CH2-CH2 O HO- CH2-CH2-N

#15+12-37-0 CAPROS
Benconsecetamade, 2-(1.5-pencodound-5-ploarbooyls-6-bligh-3,5-dibyoroxy-3-(1-bydroxyecbyl)-N-(2-matboxyecbyl)- (921) (CA 1882A MARB)

019012-93-6P 019013-12-2P 019013-17-7P 019013-10-0P 019013-15-1P 019013-15-1P 019013-15-1P 019013-17-1P 019013-15-1P 019013-17-1P 019013-15-1P 019013-15-1P 019013-5-1P 019013-5-1P 019013-5-4P 13013-15-0-P 019013-51-1P 019013-5-4P 13013-15-6-P 019013-61-1P 019013-63-1P 019013-1P 019013-63-1P 019013-63-1P

819813-12-9 CAFLUS

Emnzenessezenside, 2 -ethyl-a-is-hydroxybenzoyl) -N- (2-hydroxyethyl) -N- (2-

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STIC

919615-45-1 CAPLOS Besidesescent

Bussenescetamids: C-ethyl-R-(2-Rydroxyethyl)-S-(4-methxxyx-rxxyyl)-N-[C-(4-mcrpnolauvi)ethyl]-l, S-bis(C-propenyloxy)- (9Cl) (CA INDEX MARE)

BigBl3:4:4:3 DALBUB
Emnzeneocemenidm, 2:(3,4-dimechnxyhmnzoyl:-b-[2:(dimechylamino)mchyl]-d-chyl-8:(/ merhezyothyl) 2:4 hist2-propaginxy;- (901) (CA THORN DAMS)

810817-48-4 CARIMO Returnation of the control of th

H2C = CH-CH2-0 0-СН2-СН-СН2

SIDBLE-49-5 CAPING

Proximmenonamide, 0.13 (dischylawinolophyl) 2 (3,4 alophyhyroxoy)) 6 orly) M 12 cylinsynchyl; 3 9 bra("proximosy) (OII) 102 INDEX NAME:

\$12812.5% -9 CASTAN Beneromove (4-methoxydeunov) -R-(2-methoxymbyl) -R-(2-(4-movpholinyi)-thyl)-2.5-1 x(2-proposyloxy) - (90% CA INDEX NAME)

tisf13-56-4 CARRUF Benzenmenntamide, R-ethyl-1-(4-hydroxy-s-methoxybenzoyl)-N,N-bis(2-mothoxyethyl)-3.5-bis(2-propenyloxy)- (9CF) (CA INDEX NAMB)

37

39

10/561415 STIC

tisz13-61-1 CAPANY Banzanssostumide, 0-[3-(dischylaminoJethyl)-2-13,4-dissokozybenzoyl)-6-schyl-N-(2-mathnzysthyl)-3,6-bis[1-prepatylovy]- [50]) (CA FODEX NAME)

919615-02-2 CAPLUS Burdenescetamids, N-[2: Gastaplemissistiqui - 2-exsql-6-(6-metroxyburscyl) - R (C-methoxydebyl-7: 7-bradl-propenyloxy) - (CCI - (CA INDEX NAME)

Stemin S2 0 TAPHUM Special S4 (12-13.4-Gametroxy)mounts[s-6-mmy]-2.5-ble(2-scompling)phony)[works1]-4-f8-mormholizabl)- [GCT CGA INDEX IMMS]

BigBlices 6 DALDOB GigBradade 1 [] otry a -- impunkyberkoyl)-during (2) propagylacy) dalmal a 'G Hopbiling') (901) FOR INDEX BART

10/561415 STIC

Sivel-Si-: CAPING Budges-State Caping - R.N.-Dis(2-methoxy-tayl) -6-(3-methoxy-4-'2-'6Socyonically ballox, persoyl) -3.8-bar(4-proparytox) - (901) (CA INDEA NAME)

81981)-58-7 CAPEUS
Benzenessetemide, 2-(3,4-dimethoxypenzoyi)-U-(7-(dimethyleming)progyl)-sethyl-H-(2-methoxyethyl)-2,5-bis(2-propenyloxyl- 1901) (CA INDEX NEME)

613813-80-0 CAPULE

Renzemmanutumide, N-15-(dimethylamino)propyl)-2-ethyl-5-(d-methcxyc-nzoyl)-N-62-methcxyc-nyl)-3.5-lis(2-propenylcxy)- (SCI) (Ch IMDER NAMS)

38

40

10/561415

STIC

tist30-57-7 CASIW:
Benzennenedmade, R-bromo:N:(2-hydronyethyl)-5-(4-methoxybmnzeyl:-0::2-methoxyethyl)-r.5-brom(methoxymuhoxy)-(901) (CA (NGEN DARB)

Pipel3-49-9 CAPLUS
Bendenemeetamide, U-(2-hydroxyethyl)-2-iodo-4-(4-methoxyennzoyl)-N-(2-methoxyethyl)-7-5-hig(methoxyeethoxy)- (9C1) (CA INDEX BARB)

81981:-00-1 CAPACO Bernementeriumnic Dencesji-N-(2-bydronjethyl)-G-(1-methoxybenzoyl)-B-(J-methoxybenzoyl)-G-(1-me

H2C = CH = CH2 = 0. 0-CH2-CH=CH2 tha-cha-one

visvia-50-1 CAPLOS
Betweeners was de 2-[4-0] -ond coestony)-(-methodophecoey))-(-estigi-8
brightensorymethy)-(3,5-blact grogenylogys-1903) (0% 2002 GAMS)

Signification of the property of the prop

#15:03-61-5 CAPLUS
Becommercianade, 2-[6-(5-chioroproposy)-5-methoxydennoyl]-C-ethyl-E.E-mac(2-methoxydehyl)-5,E-blor3-propenyloxy--[901] (UK IBBUS HANK)

839833-61-4 (%PHD9

areau & c. Capids Annue acid, la [2] (hiera-monimzychyllominol 2-nzecthyl) % onbyl 4,6-blus proposylezysbiazoyil Comethoxyphonoxyl-, methyl osonr (901) (CA 1806X MHC2)

Bonzennungswide, 4 ochyl N.F.E.E.G menhavystayli 4 [1 mmstazy 4 ] 1 maspacity: physique (2 physical physical Company) (900) 100 INEX MAMEL

tivil3-84-6 CAPAUF Benzephanonamide, 2 ochyl-N.N-bis(2-methoxyofhyl)-6-ll-mothozy 4-[2-4-methyl]-9-excothoxyllnexcylj-8,5-bis(2-prepenyloxy) (977) (CA INDEX NUMB)

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41

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484200 SRA FILE-CAPLUS ABB-ON
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L47 AND (L49 OR L50)

L52 7 (L48 OR L51) NOT L44

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L52 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2006:845182 CAPLUS Full-text DOCUMENT NUMBER 145:241713 145:241713
Antitumor agente containing benzoyl compounds
Kanda, Yutake; Soga, Shiro; Nakashima, Takayuki; Nara,
Shinji: Nakagawa, Hiroshi; Shioteu, Yukimasa
Kyowa Hakko Kogyo Co., Ltd., Japan
PCT Int. Appl., 6ipp.
CODEN: PIXXO2 TITLE: INVENTOR (S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: Patent

Japanese

LANGUAGE: FAMILY ACC. NUM. COUNT:

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Disclosed is a therapeutic agent for a tumor selected from a hematopoietic tumor and a solid tumor, comprising, as the active ingradient, a benzoyl compound represented by the general formula I or a prodrug or pharmacol. acceptable selt thereof: I wherein in is an integer of 1 to 5; RI represents a substituted or unsubstituted lower alkoxy, a substituted or unsubstituted lower alkoxyearbonyl. CONRTRS or the like; RZ represents a substituted or unsubstituted or unsubstituted are insubstituted or unsubstituted or unsubstituted are insubstituted or unsubstituted are alkyl or the like; RZ represents a substituted or unsubstituted lower alkyl or the like; RX represents a hydrogen atom, a substituted or unsubstituted or unsubstituted

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819810-85-0 CAPLUS
Benzeneacetic acid, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-, methyl
ester (9C1) (CA INDEX NAME)

819810-89-4 CAPLUS Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)-N-methyl- (9CI) (CA INDEX NAME)

819810-92-9 CAPLUS Benzeneacetanide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-(4-methoxybensyl)- (9CI) (CA INDEX NAME)

819810-93-0 CAPLUS Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-methyl- (9CI) (CA INDEX NAME)

819810-82-7 CAPLUS Benzeneacetic acid, 2-ethyl-3,5-dihydroxy-6-(3-methoxybenzoyl)-, methyl ester (9CI) (CA INDEX NAME)

819810-94-1 CAPLUS
Benzeneacetic acid, 3,5-dihydroxy-2-iodo-6-(4-methoxybenzoyl)-, methyl eater (9C1) (CA INDEX NAME)

819810-95-2 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-methyl-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

819810-96-3 CAPLUS
Piperazine, 1-(2-cyanophenyl)-4-{{2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl}acetyl}- (9CI) (CA INDEX NAME)

819810-97-4 CAPLUS
Benzeneacetic acid, 3-hydroxy-2-{4-methoxybenzoyl}-5-{2-propenyloxy}-,

methyl ester (9CI) (CA INDEX NAME)

819810-98-5 CAPLUS nzeneacetic acid, 3,5-dihydroxy-2-(4-methoxybenzoyl)-, methyl ester CI) (CA INDEX NAME) (9CI)

819810-99-6 CAPLUS Benzeneacetic acid, 3,5-dihydroxy-2-(4-hydroxybenzoyl)-, methyl ester (SCI) (CA INDEX NAME)

819811-00-2 CAPLUS
3-Piperidinol, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl)acetyl]- (9CI) (CA INDEX NAME)

819811-01-3 CAPLUS
3-Piperidinemethanol, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

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819811-06-8 CAPLUS
Benzeneacetic acid, 5-hydroxy-3-methoxy-2-(4-methoxybenzoyl)-, methyl
ester (9C1) (CA INDEX NAME)

819811-07-9 CAPLUS
Benzeneacetamide, 2-othyl-3,5-dihydroxy-6-(4-mothoxybenzoyl)-N-(3-pyridinylaethyl)- (9CI) (CA INDEX NAME)

819811-08-0 CAPLUS
Benzeneacetic acid, 2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-,
methyl ester (9CI) (CA INDEX NAME)

819811-09-1 CAPLUS
Piperazine, 1-[{2-ethyl-3,5-dihydroxy-6-{4-methoxybenzoyl}phenyl}acetyl}-4

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819811-02-4 CAPLUS
3-Piperidinecarboxamide, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

819811-03-5 CAPLUS
4-Piperidinecarboxamide, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

819811-04-6 CAPLUS 3-Pyrrolidinol, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

819611-05-7 CAPLUS
Benzeneacetamide, N-(2,3-dihydroxypropyl)-2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-methyl- (9CI) (CA INDEX NAME)

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STIC

phenyl- (9CI) (CA INDEX NAME)

819811-10-4 CAPLUS 4-Piperidinol, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4-phenyl- (9CI) (CA INDEX NAME)

819811-11-5 CAPLUS Piperazine, 1-[(2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)

819811-12-6 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-14-8 CAPLUS
Piperazine, 1-[{2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl}acetyl]-4-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)

RN 819811-15-9 CAPLUS
CN Piperazine, 1-acetyl-4-{[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl|acetyl|- (9CI) (CA INDEX NAME)

RN 819811-16-0 CAPLUS
CN Piperazine, 1-([2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4methyl-(9CI) (CA INDEX NAME)

RN 819811-17-1 CAPLUS
CN Isoquinoline, 2-[(2-ethyl-3.5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]1,2,1,4-tetrahydro-6,7-dimethoxy- (9Cl) (CA INDEX NAME)

RN 819811-18-2 CAPLUS
CN Benzeneacetamide, 2-ethyl-N-(2-furanylmethyl)-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-methyl- (9CI) (CA INDEX NAME)

10/561415 STIC

CN Piperazine, 1-[[3-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4-(3-hydroxyphenyl)- (SCI) (CA INDEX NAME)

RN 819811-23-9 CAPLUS
CN Morpholine, 4-{[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl](9C1) (CA INDEX RAME)

RN 819811-24-0 CAPLUS
CN Benzenescetamide, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-[3-(2-oxo-1-pyrrolidinyl)propyl]- (9CI) (CA INDEX NAME)

RN 819811-26-2 CAPLUS
CN Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxy-1-(hydroxymethyl)ethyl)-6-(4-methoxybenzoyl)- (9CI) (CA INDEX NAME)

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RN 619811-19-3 CAPLUS
CN 1-Piperazineethanol, 4-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

RN 619811-20-6 CAPLUS
CN Piperazine, 1-[[2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxyphenyl)acetyl]-4-phenyl- (9CI) (CA INDEX NAME)

RN 819811-21-7 CAPLUS
CN Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N,N-dimethyl(9CI) (CA INDEX NAME)

RN 819811-22-8 CAPLUS

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RN 819811-27-3 CAPLUS
CN Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxy-1-(hydroxymethyl)-1-methylethyl)-6(-4-methoxybenzoyl)- (9CI) (CA INDEX NAME)

RN 819811-28-4 CAPLUS
CN Benzeneaceaide, 2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

RN 619611-29-5 CAPLUS
CN Benzeneacetamide, 2-ethyl-6-(4-fluorobenzoyl)-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

RN 819811-33-1 CAPLUS
CN Isoquinoline, 2-[[2-ethyl-6-(4-fluorobenzoyl)-3,5-dihydroxyphenyl]acetyl]1,2,3,4-tetrahydro-6,7-dimethoxy- (9CI) (CA INDEX NAME)

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819811-45-5 CAPLUS
Benzeneacetamide, 2-ethyl-6-(4-fluorobenzoyl)-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-46-6 CAPLUS
Piperidine, 1-(3-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4(methylaulfonyl)- (9CI) (CA INDEX RAME)

$$\begin{array}{c} \text{OH} & \text{OMe} \\ \text{Ho} & \text{CH}_2 & \text{C} \\ \text{Et} & \text{C} \end{array}$$

819811-47-7 CAPLUS Piperazinome, 4-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-1-phenyl- (9CI) (CA INDEX NAME)

819811-48-8 CAPLUS
Benzeneacetamide, 2-ethyl-N-(2-furanylmethyl)-3,5-dihydroxyy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)- (SCI) (CA INDEX NAME)

819811-34-2 CAPLUS
Piperazine, 1-[[3-ethyl-3,5-dihydroxy-6-(4-hydroxybenzoyl)phenyl]acetyl]-4-phenyl-[9CI] (CA INDEX NAME)

819611-35-3 CAPLUS
Benzeneacctemide, 2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxythyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-40-0 CAPLUS
4-Piperidinemethanol, 1-{[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl}acetyl]- (9CI) (CA INDEX NAME)

819811-43-3 CAPLUS
Piperazinone. 1-(3-chlorophenyl)-4-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]- (9CI) (CA INDEX NAME)

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819811-54-6 CAPLUS

Piperazinone, 4-[(2-benzoyl-6-ethyl-3,5-dihydroxyphenyl)acetyl]-1-(2-cyanophenyl)- (9CI) (CA INDEX NAME)

819811-55-7 CAPLUS
Benzeneacetamide, 2-benzoyl-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-(SCI) (CA NOBX NAME)

819811-56-8 CAPLUS
Benzeneacetamide, 2-benzoyl-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-57-9 CAPLUS

4-Piperidinemethanol, 1-[(2-benzoyl-6-ethyl-3,5-dihydroxyphenyl)acetyl]-(9CI) (CA INDEX NAME)

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Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(3-hydroxybenzoyl)-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9C1) (CA INDEX NAME)

819811-58-0 CAPLUS

819011-59-1 CAPLUS Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-hydroxybenzoyl)-N,N-bis(2-hydroxyethyl)- (9C1) (CA INDEX NAME)

819611-60-4 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-hydroxybenzoyl)-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-61-5 CAPLUS
Piperazinone, 4-[{2-ethyl-6-(4-fluorobenzoyl)-3,5-dihydroxyphenyl]acetyl]1-phenyl- (9CI) (CA INDEX NAME)

819811-62-6 CAPLUS

Senzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-(3-hydroxy-4-methoxybenzoyl)- (9CI) (CA INDEX NAME)

819811-63-7 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(3-hydroxy-4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-64-8 CAPLUS Benzeneacatamide, 2-ethyl-6-(3-fluoro-4-methoxybenzoyl)-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

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819811-69-3 CAPLUS Benzeneacetamide, 2-[4-(difluoromethoxy)benzoyl]-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

819811-70-6 CAPLUS
Benzeneacetamide, 2-[4-(difluoromethoxy)benzoy1]-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-71-7 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-(3-hydroxy-4-methylbenzoyl)- (9CI) (CA INDEX NAME)

819811-72-8 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(3-hydroxy-4-methylbenzyl)-N-(2-methoxyethyl)- (9C1) (CA INDEX NAME)

819811-65-9 CAPLUS
Benzeneacetamide, 2-ethyl-6-(3-fluoro-4-methoxybenzoyl)-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-66-0 CAPLUS
Benzenecetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-{4-(trifluoromethoxy)benzoyl)- (9CI) (CA INDEX NAME)

e19811-67-1 CAPLUS
Benzeneacetanide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-(4-(trifluoromethoxy)benzoyl)- (9Cl) (CA INDEX NAME)

819811-68-2 CAPLUS
Benzeneacstamide, 2-ethyl-3,5-dihydroxy-6-(3-hydroxy-4-methoxybenzoyl)-N,N-bis(2-methoxyethyl)- (SCI) (CA INDEX NAME)

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819811-73-9 CAPLUS Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(3-hydroxypropyl)-6-[4-(trifluoromethoxy)benzoyl]- (9CI) (CA INDEX NAME)

819811-74-0 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[4-(methylthio)benzoyl]- (9CI) (CA INDEX NAME)

819811-75-1 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-[4-(methylsulfonyl)benzoyl]- (9CI) (CA INDEX NAME)

619611-76-2 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[4-(methyleulfonyl)benzoyl}- (9CI) (CA INDEX NAME)

819811-77-3 CAPLUS
2-Pyrrolidinemethanol, 1-{[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-, (2R)- (9CI) (CA INDEX NAME)

819811-78-4 CAPLUS
Benzeneacetamide, 2-(3,4-dimethoxybenzoy1)-6-athyl-3,5-dihydroxy-N-(2-hydroxyetyl)-N-(3-hydroxypropyl)- (9CI) (CA INDEX NAME)

819811-79-5 CAPLUS

Benzeneacetamide, 2-(3,4-dimethoxybenzoyl)-6-ethyl-N-(2-furanylmethyl)-3,5-dihydroxy-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

819811-80-8 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(3-hydroxypepyl)-6-(4-methoxybenzeyl)-(9CI) (CA INDEX NAME)

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methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-85-3 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-hydroxy-3-methoxybenzoyl)-N,N-bis(2-methoxyethyl)- (9C1) (CA INDEX NAME)

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819811-86-4 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-{4-(methylsulfonyl)benzoyl}- (9CI) (CA INDEX NAME)

819811-87-5 CAPLUS

Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-[4-(2-hydroxyethoxy)-1-methoxybenzoyl]-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-88-6 CAPLUS

о сн2-сн2-он сн2-сн2-он сн2-сн2-он

819811-81-9 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-[3-(2-hydroxyethdxy)-4-methoxybenzoyl]-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9Cl) (CA INDEX NAME)

819611-82-0 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-{2-hydroxyethyl}-N-{2-methoxyethyl}-6-[4-methoxy-3-{2-methoxyethoxy}benzoyl}- (9CI) (CA INDEX NAME)

819811-83-1 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-(4-methoxy-3-[2-(4-morpholinyl)ethoxy)benzoyl]- (9CI) (CA INDEX NAME)

819811-84-2 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-hydroxy-3-

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SENZeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[3-methoxy-4-(2-methoxyethoxy)benzoyl]-(9CI) (CA INDEX NAME)

819811-89-7 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[3-methoxy-4-[2-(4-morpholinyl)ethoxy]benzoyl]- (9CI) (CA

819811-90-0 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-{2-(4-morpholinyl)ethyl}- (9CI) (CA INDEX NAME)

819811-91-1 CAPLUS
Benzenecetamide, 2-{3,4-dimethoxybenzoyl}-N-{2-(dimethylamino)ethyl}-6-ethyl-3,5-dihydroxy-N-(2-methoxyethyl)- (9C1) (CA INDEX NAME)

Me2N\_CH2\_CH2\_N MeO- CH2- CH2

819811-92-2 CAPLUS
Benzeneacetamide, N-{2-(dimethylamino)ethyl]-2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-93-3 CAPLUS
Benzeneacetamide, N-[2-(diethylamino)ethyl]-2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

819811-94-4 CAPLUS
Benzeneacetamide, 2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-methoxyethyl)-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

819811-95-5 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)-N-(2-(4-morpholinyl)ethyl)- (SCI) (CA INDEX NAMS)

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819812-00-5 CAPLUS
Benzensacetemide, 2-(4-ethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9C1) (CA INDEX NAME)

819812-01-6 CAPLUS Benzeneacetamide, 2-(4-ethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819612-02-7 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-[4-(1-methylethoxy)benzoyl]- (9CI) (CA INDEX NAME)

819812-03-8 CAPLUS

Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[4-(1-methylethoxy)benzoyl]- (9CI) (CA INDEX NAME)

O CH2-CH2-OM

819811-96-6 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(3-hydroxypropyl)-6-(4- methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819811-97-7 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-(3-methoxypropyl)- (SCI) (CA INDEX NAME)

819811-98-8 CAPLUS

Benzeneacetamide, 2-(3,4-dimethoxybenzoy1)-6-ethyl-3,5-dihydroxy-N-(3-hydroxypropy1)-8-(2-methoxyethyl)-(9CI) (CA INDEX NAME)

819811-99-9 CAPLUS
Benseneacetaide, 2-(3,4-dimethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(3-methoxypropyl)- (9CI) (CA INDEX NAME)

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819812-04-9 CAPLUS
Benzenacctamide, 3-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-{3-methoxy-4-{2-(4-morpholinyl)ethoxy|benzoyl|- (9CI) (CA INDEX NAME)

819812-05-0 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-6-[4-(2-hydroxyethoxy)-3-methoxybenzoyl]-N.Pbis(2-methoxyethyl)-(9CI) (CA INDEX NAME)

819812-06-1 CAPLUS
Benzeneacetamide, 2-(3,4-dimethoxybenzoyl)-N-[3-(dimethylamino)propyl]-6-ethyl-3,5-dihydroxy-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819812-07-2 CAPLUS
Benzeneacetamide, N-[3-(dimethylamino)propyl]-2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

ξ

O CH2-CH2-OMe || | |-C-N-(CH2)3-NMe2

819812-08-3 CAPLUS

Benzeneacetamide, N-[2-(diethylamino)ethyl]-2-(3,4-dimethoxybenzoyl)-6-ethyl-1,5-dihydroxy-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819812-09-4 CAPLUS
Benzeneacetamide, N-[2-(diethylamino)ethyl]-2-ethyl-3,5-dihydroxy-6-(4-methoxyboxyl)-N-(2-methoxybothyl)- (SCI) (CA INDEX NAME)

819812-10-7 CAPLUS
Piperidine, 1-[[2-3,4-dimethoxybenzoyl]-6-ethyl-3,5-dihydroxyphenyl]acetyl]-4-(4-morpholinyl)- (9CI) (CA INDEX NAME)

819612-11-8 CAPLUS
Piperidine, 1-[[2-ethyl-3,5-dihydroxy-6-(4-methoxybenzoyl)phenyl]acetyl]-4[4-morpholinyl)- (9CI) (CA INDEX NAME)

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819812-16-3 CAPLUS
Benzeneacetamide, 2-[3,4-bis(2-methoxyethoxy)benzoyl]-6-ethyl-3,5-dihydroxy-N.N-bis(2-hydroxyethyl)- (SCI) (CA INDEX NAME)

819812-17-4 CAPLUS
Benzenescetamide, 2-[3,4-bis(2-methoxyethoxy)benzoyl]-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819812-18-5 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-{3-methoxy-4-{2-(4-morpholinyl)ethoxylbenzoyl]-, monohydrochloride (9CI) (CA
INDEX NAME) (CA

● HC1

819812-12-9 CAPLUS
Benzenacetamide, 2-(4-ethoxybenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-methoxyethyl)-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

819812-13-0 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-methoxyethyl)-6-{4-(1-methylethoxy)benzoyl}-N-{2-(4-morpholinyl)ethyl}-(SCI) (CA INDEX NAME)

819812-14-1 CAPLUS
Benzeneacetamide, 2-bromo-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819812-15-2 CAPLUS Benzeneacetamide, 2-acetyl-3,5-dihydroxy-N-(2-hydroxyethyl)-6-(4-methoxybenzoyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

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819812-19-6 CAPLUS
Benzeneacetamide, N-{2-(dimethylamino)ethyl]-2-ethyl-3,5-dihydroxy-6-{4-methoxybenzoyl)-N-(3-methoxypropyl)- (9CI) (CA INDEX NAME)

819812-20-9 CAPLUS
Benzeneacetamide, 2-(3,4-dimethoxybenzoyl)-N-[2-(dimethylamino)ethyl]-6-ethyl-3,5-dihydroxy.N-(3-methoxypropyl)- (9CI) (CA INDEX NAME)

819812-21-0 CAPLUS
Benzeneacetamide, N-{2-{dimethylamino}ethyl}-2-ethyl-3,5-dihydroxy-6-{4-methoxybenzoyl}-N-{2-methoxyethyl}-, monohydrochloride {9CI} (CA INDEX NAME)

● HC1

819812-22-1 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)-6-{4-(trifluoromethyl)benzoyl)- (9C1) (CA INDEX NAME)

819812-23-2 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)-6-[4-(trifluoromethyl)benzoyl)- (9CI) (GA INDEX NAME)

819812-24-3 CAPLUS

Benzeneacetamide, 2-(3,4-difluorobenzoyl)-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

819812-25-4 CAPLUS

Benzeneacetamide, 2-(3,4-difluorobenzoyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

819812-26-5 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-{3-methoxy-4c-{1-piperidinyl}ethoxyl-benzoyl}- (9CI) (CA INDEX NAME)

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819812-37-8 CAPLUS

Benzeneacetamide, 2-(1,3-benzodioxol-5-ylcarbonyl)-6-ethyl-3,5-dihydroxy-N-(2-hydroxyethyl)-N-(2-methoxyethyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 9 CITED REPERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L52 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2004:451630 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 141:23557

TITLE:

141:23557
Preparation of (R)-2,3-benzodiazepines for the treatment of neutropenia.
Herris, Herbert N: Kucharik, Robert F.
Vela Pharmaceuticals, Inc., USA
U.S. Pat. Appl. Publ., 20 pp.
CODBN: USKKCO

INVENTOR (S) PATENT ASSIGNEE(S): SOURCE:

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A1 20040603 US 2002-309527 20021203
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A1 20040715 US 2003-728286 20031202
A2 20040617 WO 2003-U338634 20031203
A3 20040615 WO 2003-U338634 20031203
A3 20040805
AM. AT. AU. AZ. BA. BB. BB. BC. BR. BY. BZ. CA. CH. CN. CZ. DS. DX. DM. DZ. EC. ER. ES. FT. GB. GD. GR. GH. ID. IL. IN. IS. JP. KS. KG. KP. KR. KZ. LC. LK. LR. LV. MA. MD. MG. MM. MM. MY. MZ. NT. NO, NZ. CM. , PT. RO. RU. SC. SD. SS. SG. SK. SL. SY. TJ. TM. TN. UA. UG. US. UZ. VC. VN. YU. 2A. ZM, ZM
I. KE. LS. MW. KZ. SD. SS. SS. LS. ZY. TZ. UG. ZM. ZM, AM. AZ. (1. MD. RU. TJ. TH. AT. BS. BG. CH. CY. CZ. DS. DK. EE. (1. GB. GR. HU. IE. IT. LU. MC. NL. PT. RO. SS. ST. ST. SK. J. SY. TJ. TM. TD. A1 20040623 US 2002-309527 KIND DATE APPLICATION NO WATENT NO.

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WO : AR, AG, AL

CO, CR, CU

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PG, PH, PL

TR, TT, LU

PG, PH, PL

TR, TT, TL

RW: BM, GH, GM

BY, KG, CA

LG, LT, PR

TR, BF, BJ

AU 2003192682

PRIORITY APPIN, INFO:: AL, CU, HU, LU, PL, TZ, GM, KZ, FR, BJ,

819812-27-6 CAPLUS

Sipsi2-27-c CWDD9
Senzenacetamide, 2-ethyl-3,5-dihydroxy-N.N-bis(2-methoxyethyl)-6-[3-methoxy-4-[2-[4-(4-morpholinyl)-1-piperidinyl]ethoxylbenzoyl]- (9CI) (CA INDEX NAME)

819812-28-7 CAPLUS

Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-[3-methoxy-4-[3-(4-morpholinyl)propoxy}benzoyl]- (9CI) (CA INDEX NAME)

819812-29-8 CAPLUS
Benzeneacetamide, 2-ethyl-3,5-dihydroxy-N,N-bis(2-methoxyethyl)-6-{3-methoxy-4-{2-(4-methyl-1-piperazinyl)-2-oxosthoxy|benzoyl]-(9C) (CA

el9812-36-7 CAPLUS Benzeneacotamide, 2-(1,3-benzodioxol-5-ylcarbonyl)-6-ethyl-3,5-dihydroxy-N,N-bis(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

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STIC

WO 2003-US38634

MARPAT 141:23557 OTHER SOURCE(S): ED Entered STN: 04 Jun 2004

. STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT .

Title compde. I [R1 = alkylhydrocarbyl, heteroalkyl; R2 = H, hydrocarbyl, wherein R1 and R2 may combine to form a carbocyclic or heterocyclic 5- or 6-membered ring; X = (R3)n; R3 = 0-alkyl, OH, 0-acyl, etc.; n = 1-3; R4, R5 = 0-alkyl, OH, 0-acyl, etc., wherein R4 and R5 may combine to form a 5-, 6-, 7- membered heterocyclic ring] and their pharmaceutically acceptable salts were prepared For example, condensation-cyclization of distone II. e.g., prepared from 3-methoxy-4-hydroxybensoic acid in 7-steps, and hydraxine hydrate afforded racemic benzodiazepine III. In a 16-day study of neutrophil production in rats, one example of compound 1, e.g., R-tofisopas, significantly increased neutrophil levels in a dose-dependant manner. Compds. 1 are claimed useful for increasing the production of neutrophile. 618056-34-1P, 3-(4,5-Dimethoxy-2-[(4-methoxy-3-(phenylmethoxy)phenyl]carbonyl]phenyllpentan-2-one 618056-35-9-69, 3-(4-Bensyloxy-5-methoxy-2-((3,4-dimethoxyphenyl)carbonyl)phenyllpentan-2-one 697754-57-7P, 3-(2-(3,4-Dimethoxyphenyl)carbonyl)phenyl-4-hydroxy-5-methoxy-phenylpentan-2-one

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of benzodiazepines for the treatment of neutropenia.) 618056-34-1 CAPLUS 2-Pentanone, 3-14,5-dimethoxy-2-{4-methoxy-3-(phenylmethoxy)benzoyl]phenyl]- (CA INDEX NAME)

618056-36-3 CAPLUS
2-Pentanone, 3-[2-(3-hydroxy-4-methoxybenzoyl)-4,5-dimethoxyphenyl]- (CAINDEX NAME)

618056-19-6 CAPLUS
2-Pentanone, 3-[2-(3,4-dimethoxybenzoyl)-5-methoxy-4-(phenylmethoxy)phenyl]- (CA INDEX NAME)

697754-57-7 CAPLUS
2-Pentanone, 3-[2-(3,4-dimethoxybenzoyl)-4-hydroxy-5-methoxyphenyl]- (CA INDEX NAME)

L52 ANSMER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:326400 CAPLUS Full-text
DOCUMENT NUMBER: 139:374215
139:374215
Synthesis and cytotoxic activity of 1,3-benzodioxole derivatives. Note 11
AUTHOR(8): Micale: Zappala, Maria; Grasso, Silvana
Dipartimento Parmaco-Chimico, Universita di Messina, Messina, 93168, Italy
FUBLISHER: CODEN: FRANCES: ISSN: 0014-827X
PUBLISHER: Editions Scientifiques et Medicales Elsevier
DOCUMENT TYPE: Journal

DOCUMENT TYPE: LANGUAGE:

English CASREACT 139:374215 OTHER SOURCE (S) :

R SOURCE(8): CASREACT 139:374215
Entered STN: 29 Apr 2003
A series of 1,3-benzodioxoles (2-12) were synthesized and evaluated for their in vitro ability to inhibit the growth of three human tumor cell lines. No cytotoxic effects were noticed with any of the test compds. at a concentration of 10-4 M.
122813-95-7P 197369-12-3P 501328-34-3P 623944-58-1P 623944-59-2P 623944-65-0P 623944-66-1P
RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(synthesis and cytotoxic activity of 1,3-benzodioxole derivs.)
132813-95-7 CAPLUS
1,3-Benzodioxole-5-acetic acid, 6-benzoyl-, methyl ester (CA INDRX NAME)

81

10/561415

623944-65-0 CAPLUS 1,3-Benzodioxole-5-acetamide, N-methyl-6-(4-nitrobenzoyl)- (9CI) (CA INDEX NAME)

623944-66-1 CAPLUS 1,3-Benzodioxole-5-acetic acid. 6-(4-nitrobenzoyl)-, hydrazide (9CI) (CA INDEX NAME)

197369-14-5P 209851-94-5P

197369-14-59 209851-94-59
RE: RCT (Reactant): SPN (Synthetic preparation): PREP (Preparation): RACT (Reactant or respent)
(synthesis and cytotoxic activity of 1,3-benzodioxole derivs.)
197369-14-5 CAPLUS
1,3-Benzodioxole-5-acetic acid, 6-(4-nitrobenzoyl)-, methyl ester (9CI)
(CA INDEX NAME)

209851-94-5 CAPLUS
1,3-Benzodioxole-5-acetic acid, 6-(4-nitrobenzoyl)-, ethyl ester (9CI)
(CA INDEX NAME)

197369-12-3 CAPLUS
1,3-Benzodioxole-5-acetic acid, 6-{4-fluorobenzoyl}-, methyl ester (9CI)
(CA INDEX NAME)

501328-34-3 CAPLUS

1,3-Benzodioxole-5-acetic acid, 6-{4-aminobenzoyl}-, methyl ester (9CI) (CA INDEX NAME)

623944-58-1 CAPLUS 1,3-Benzodioxole-5-acetic acid, 6-(4-chlorobenzoyl)-, methyl ester (9CI) (CA INDEX NAME)

623944-59-2 CAPLUS

1,3-Benzodioxole-5-acetic acid, 6-(4-aminobenzoyl)-, ethyl ester (9CI) (CA INDEX NAME)

82

REFERENCE COUNT:

10/561415

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L52 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 AC8 ON STN
ACCESSION NUMBER: 2002:907951 CAPLUS Pull-text
DOCUMENT NUMBER: 138:237975

Synthesis and antitumor activity of 1.3-benzodioxole TITLE:

derivatives derivatives Micele, Nicola; Zappala, Maria; Gresso, Silvana Dipartimento farmaco-chimico, universita di Messina, Messina, 98168, Italy Farmaco (2002), 57(10), 853-859 CODEN: FRMCES; ISSN: 0014-827X Editions Scientifiques et Medicales Elsevier AUTHOR(S): CORPORATE SOURCE:

SOURCE:

PUBLISHER: DOCUMENT TYPE:

LANGUAGE: English CASRBACT 138:237975

OTHER SOURCE(S):

Entered STN: 01 Dec 2002

A series of 1,3-benzodioxoles was synthesized and evaluated for their in vitro antitumor activity against human tumor cell lines. Some derive. exhibited tumor growth inhibition activity. In particular, 6-(4-aminobenzoqy)-1,3-benzodioxole-5-acetic acid Me ester (1), the most active compound of the series, possesses a significant growth inhibitory activity on 52 cell lines at conces. ranging from 10-7 to 10-5 M.
197169-14-5P 433716-67-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PRSP (Preparation); RACT (Reactant

or reagent)
(preparation of a series of 1,3-benzodioxoles from 1,3-benzodioxole-5ectonitrile and evaluation of their antitumor activity)
197369-14-5 CAPLUS
1,3-Benzodioxole-5-acetic ecid. 6-(4-nitrobenzoyl)-, methyl ester (9CI)
(CA INDEX NAMS)

433716-67-7 CAPLUS 2-Propanone, 1-[6-(4-nitrobenzoyl)-1,]-benzodioxol-5-yl]- (9CI) (CA INDEX NAME)

ΙT

501328-34-3P 501320-35-5P
RL: PAC (Phermacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(preparation of a series of 1,3-benzodioxoles from 1,3-benzodioxole-5acetontrile and evaluation of their antitumor activity)
501328-34-1 CAPLUS
1,3-Benzodioxole-5-acetic acid, 6-(4-aminobenzoyl)-, methyl ester (9CI)
(CA INDEX NAME)

501328-36-5 CAPLUS
2-Propanone, 1-[6-(4-aminobenzoyl)-1,3-benzodioxol-5-yl]- (9CI) (CA INDEX

85

10/561415

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(properation of a (nephthyridinylethoxy)dibenzocyclohepteneacetic acid as a vitronectin receptor antagonist)
77605-57-3 CAPLUS
Benzeneacetic acid, 2-benzoyl-4-methoxy- (9CI) (CA INDEX NAME)

210485-72-6 CAPLUS
Butanedioic acid, [2-(3-methoxybenzoyl)phenyl]-, 4-ethyl ester (9CI) (CA
INDEX NAME)

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L52 ANSMER 6 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 1999:659355 CAPLUS Full-text

1

131:286273

DOCUMENT NUMBER: TITLE:

131:286273
Preparation of hydroxyphenoxypropylnaphthylethylamines, methoxyphenylethylaminophenoxypropanols, and related compounds as calcilytics.

Bhatnagar, Pradip Kumar; Burgess, Joelle Lorraine; Callahan, James Francis; Calvo, Raul Rolando; Dal Mar, Eric G.; Lago, Maria Amparo; Nguyen, Thomas The Smithkline Beecham Corporation, USA; NPS
Pharmaceuticals, Inc.
PCT Int. Appl. 68 pp.
CODEN: PIXXD2
Patent
English

INVENTOR (S):

PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: LANGUAGE: PAMILY ACC. NUM. CO PATENT INFORMATION:

NO. KIND DATE APPLICATION NO. DATE

569 A1 19991014 MO 1999-US7722 19990408
AE, AL, AU, BA, BB, BG, BR, CA, CN, CZ, ES, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX,
NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM PATENT NO. WO 9951569 W: AE

THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT REFERENCE COUNT:

L52 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN 2000:401648 CAPLUS Full-text

ACCESSION NUMBER:

133:43507 DOCUMENT NUMBER:

Preparation of a (naphthyridinylethoxy)dibenzocyclohep TITLE: Preparation of a (naphchyridiny/senoxy/dipenzocyclon teneacetic acid as a vitronectin receptor antagonist Miller, William H.; Manley, Peter J. SmithKline Beecham Corporation, USA PCT Int. Appl., 40 pp. CODEN: PIXXD2 Patent English

INVENTOR (S) :

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. CO PATENT INFORMATION:

											ICAT							
									WO 1999-US28662									
MO																		
	W:										CZ.							
											LR,							
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											TJ.							
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	1146																	
	R:								GB,	GR,	IT,	LI,	Lυ,	NL,	SE,	MC,	PT	
							RO											
BR	9915	879			A		2002	0213		BR :	1999-	1587	9			9991		
TR	2001	0165	•		T2		2002	0321		TR 2	2001-	3001	0165	4				
	2001															9991		
	7544																	
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	5118																	
	2770																	
	1146																	
	3339																	
AP	1534				A						3001-				1	9991	203	
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	2001						2002			ZA :	2001-	4398			2			
NO	2001	0027	32		A		2001		1	NO :	2001-	2732			2	0010	601	
	3188				B1		2005											
	6495										2001-					0010		
HK	1042	037			A1		2005	0729			1002 - 1998 -					0020		
	APP																	

Entered STN: 16 Jun 2000

Entered STN: 16 Jun 2000
Btt (8)-10-11-dihydro-1-hydroxy-5H-dibenzo[a,d]cycloheptene-10-acetate was etherified by 2-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)ethanol (preparation each given) and the product saponified to give (8)-10,11-dihydro-3-[2-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)ethoxyl-5H-dibenzo[a,d]cycloheptene-10-acetic acid (I). Data for biol. activity of I

were given. 77605-57-3P 210485-72-6P

86

R SOURCE(S): MARPAT 131:286273 Entered STN: 15 Oct 1999 OTHER SOURCE(S):

Title compds. [1: Y1 = bond, (O- or alkyl-substituted) alkylene, alkenylene; Y2 = (alkyl- or haloalkyl-substituted) methylene; Y3 = bond, O, S, imino, alkyleneoxy, alkylenethio, alkyleneimino; R3, R4 = Me, St; R3R4C = cyclopropyl; R5 = (fueed) (substituted) aryl; G = bond, CHR6, CR6; R6 = H, OH, O; R7 = H, OH, alkoxy; R8 = H, alkyl; R7R8 = O; A, B = bond, CH2, NH, O, S, CO; AB = CH:CH, C:tplbond.C; X1, X5 = H, halo, cyano, NO2, alkyl, cyclosylvx, arylmethyl, heteroarylmethyl; A2-X4 = H, halo, alkoxy, aryloxy, heteroaryloxylx, arylmethyl, heteroarylmethyl, arylcarbonyl, heteroarylcarbonyl, etc.; with proviseosl, were prepared as calcium receptor antagonists for treatment of abnormal bone or mineral homeostasis (no data). Thus, (R)-4-[2-phenyl-2(RS)-(methoxycarbonyl)ethyl)phenoxyglycidol (preparation given), 4-methoxyphenyl, 1-dimethyl-2-(4-methoxyphenyl)ethylamino, and StNN2 were refluxed 24 h in EtOH to give (R)-1[1,1-dimethyl-2-(4-methoxyphenyl)ethylamino]-3-[4-(2-phenyl-2-(RS)-methoxycarbonylethyl)phenoxylpropan-3-ol hydrochloride.
77663-37-3

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of hydroxyphenoxypropylnaphthylethylamines, methoxyphenylethylaminophenoxypropanols, and related compds. as calcilytics) methoxypheny calcilytics)

STIC

77605-57-3 CAPLUS Benzeneacetic acid, 2-benzoyl-4-methoxy- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L52 ANSWER 7 OF 7 CAPLUS
ACCESSION NUMBER: 19
DOCUMENT NUMBER: 12
TITLE: In US COPYRIGHT 2007 ACS on STN 1996:417842 CAPLUS <u>Pull-text</u> 125:76353 Inhibitors of farnesyl-protein transferase

INVENTOR(S):

Stokker, Gerald B.; Graham, Samuel L. Merck and Co., Inc., USA; Stokker, Gerald, E.; Graham, PATENT ASSIGNEE(S): Samuel, L.

SOURCE:

PCT Int. Appl., 127 pp. CODEN: PIXXD2 Patent

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PA'	TENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D	ATE	
						-									-		
WO	9610	011			A1		1996	0404		WO 1	995-1	US12	321		1	9950	925
	W:	AM.	AU,	BB.	BG.	BR,	BY,	ÇA,	CN.	CZ,	EE,	FI,	GE,	HU,	18,	JP,	KG,
		KR.	KZ.	LK.	LR.	LT.	LV.	MD.	MG.	MK.	MN,	MX,	NO.	NZ,	PL,	RO,	RU,
		SG.	SI.	SK.	TJ.	TM.	TT.	UA,	UG.	US.	UZ						
	RW:	KE.	MW.	SD.	SZ.	UG.	AT.	BE.	CH.	DE.	DK.	ES.	FR.	GB.	GR,	IE,	
		LU.	MC.	NL.	PT.	SE.	BF.	BJ.	CF.	CG.	CI.	CM.	GA.	GN.	ML.	MR.	NE.
			TD.														
US	5523	456			A		1996	0604		US 1	994-	3150	46		1	9940	929
CA	2201	351			Al		1996	0404		CA 1	995-	2201	351		1	9950	925
ΑU	9536	426			A		1996	0419		AU 1	995-	3642	6		1	9950	925
ΑU	6896	51			B2		1998	0402									
EP	7871	23			Al		1997	0806		EP 1	995-	9339	57		1	9950	925
	R:	AT.	BE.	CH.	DR.	DK.	ES.	FR.	GB.	GR.	IE.	IT.	LÎ.	LU.	NL.	PT.	SE
JP	1050										996-						
	Y APP									US 1	994-	3150	46		A2 1	9940	929
											995-						

Entered STN: 17 Jul 1996

The present invention comprises enalogs of the CAAX motif of the protein Rase that is modified by farmesylation in vivo. These CAAX analogs inhibit the farmesylation of Ras. Purthermore, these CAAX analogs differ from those previously described as inhibitors of Ras farmesyl transferase in that they do not have a thiol motiety. The lack of the thiol offers unique advantages in terms of improved pharmacokinetic behavior in anisals, prevention of thiol-dependant chemical reactions, such as rapid auto-oxidation and disulfide formation with endogenous thiols, and reduced systemic toxicity. Further contained in this invention are chemotherapeutic compas, containing these farmesyl transferase inhibitors and methods for their production BD AB

89

10/561415

PR

NARROWER STRUCTURE SEARCH

=> fil reg; d stat que 142; fil capl
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STRUCTURE FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3
DICTIONARY FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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http://www.cas.org/support/stngen/stndoc/properties.html

NODE ATTRIBUTES: DEPAULT MLEVEL IS ATOM DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 17

STERBO ATTRIBUTES: NONE
L11 625 SEA FILE-REGISTRY SSS FUL L8
L35 STR

10/561415 IT

178449-02-0F 178449-18-8P 176449-02-09 179449-16-EP
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of analogs of CAAX motif of protein Ras for inhibiting Ras farnesyl-transferase and for treating cancer)
178449-02-0 CAPLUS
L-Methionine, N-[N-[2-[{[2-benzoylphenyl]acetyl]amino]-4-methylpentyl]-N(1-naphthalenylmethyl)glycyl]-, methyl ester, (S)- (SCI) (CA INDEX NAME)

178449-18-8 CAPLUS
L-Methionine, N-[N-[2-[{[2-benzoylphenyl]acetyl]amino}-4-methylpentyl]-N[1-naphthalenylmethyl]glycyl]-, (8)- (9CI) (CA INDEX NAME)

90

10/561415

STIC

0 620

STIC

VPA 19-9/10/11/12 U VPA 20-1/2/4/5/6 U NODE ATTRIBUTES: NSPEC IS RC AT NSPEC IS RC AT 16 DEFAULT MLEVEL IS ATOM DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

VPA 18-9/10/11/12 U
VPA 19-9/10/11/12 U
NODE ATTRIBUTES:
NSPEC IS RC AT 16
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

VPA 20-1/2/4/5/6 U NODE ATTRIBUTES:
NSPEC IS RC AT 16
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE L42 151 SEA FILE-REGISTRY SUB-L11 SSS FUL (L35 OR L38 OR L39)

100.0% PROCESSED 193 ITERATIONS SEARCH TIME: 00.00.01 151 ANSWERS

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FILE COVERS 1907 - 15 Jun 2007 VOL 146 ISS 26 FILE LAST UPDATED: 14 Jun 2007 (20070614/ED)

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http://www.cas.org/infopolicy.html
'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> => d que nos 143; s 143 not 144,152 L8 L11 L35 L38 L39 L42 L42 625 SEA PILE-REGISTRY SSS PUL LO

625 SEA FILE-REGISTRY SSS FUL LO STR STR STR 151 SEA FILE-REGISTRY SUB-L11 SSS FUL (L35 OR L30 OR L39) 5 SEA FILE-CAPLUS ABB-ON L42

3 L43 NOT (L44 OR L52) L53

=> d ibib ed abs hitstr 1-3; fil hom

93

10/561415

Optically active cis- or trans- 1,3-disubstituted tetrahydroisoquinolines 3-R- or 35-I (R \* Mo. CH2Ph) can be prepared selectively from the same oxazolidine II. This latter is easily obtained from keto-acid III and (R)-(-)phenylglycinol. 180072-41-7P

180072-41-7P
RE: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(steroscelective preparation of isoquinolines)
180072-41-7 CAPLUS
Benzenescetamide, N-[(1R)-2-hydroxy-1-phenylethyl]-4,5-dimethoxy-2-(3,4,5-trimethoxybenroyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L53 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1974:108242 CAPLUS <u>Full-text</u>

BOCUMENT NUMBER: 88:108242 Tetracycline studies. IV. Novel cyclizations through bensophenone carbanions, including a new synthesis of anthraquinones

AUTHOR(S): Hassall, Cedric H.; Morgan, Barry A.
CORPORATE SOURCE: Dept. Chem., Univ. Coll. Swansea, Swansea, UK

Journal of the Chemical Society, Perkin Transactions

L53 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2005:408217 CAPLUS Full---2005:408217 CAPLUS Full-text Correction of: 2005:155220 143:266757 UNENT NUMBER: 14:266757
Correction of: 142:197771
LE: Product class 5: isoquinolines
HOR(S): Alvarez, M.; Joule, J. A.
PORATE SOURCE: Germany
RCE: Science of Synthesis (2005), 15, 661-838
CODEN: SSCYJ9
LISHER: Georg Thieme Verlag
JUAGE: English
Entered STN: 13 May 2005
A review primarily covering methods of preparation of isoquinolines via cyclization, ring transformations or substituent modification. Isoquinoline 2oxides and isoquinolinium selts are also included.
RECT (Reactant); RACT (Reactant or recovered.) DOCUMENT NUMBER: TITLE: AUTHOR(S): CORPORATE SOURCE: SOURCE:

PUBLISHER: DOCUMENT TYPE: LANGUAGE:

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of isoquinolines and analogs via cyclization, ring transformations or substituent modifications)

Renzeneacetamide, N-[(IR)-2-hydroxy-1-phenylethyl]-4,5-dimethoxy-2-(3,4,5-trimethoxybenzoyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L53 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 1996:376527 CAPLUS Full-text
DOCUMENT NUMBER: 125:167761

1: Organic and Bio-Organic Chemistry (1972-1999)
(1973), (23), 2853-61
CODEN: JCDRAI; ISSN: 0300-922X
DOCUMENT TYPE: JOURNAL
LANGUAGE: Beglish
ED Entered STN: 12 May 1984
GI For diagram(s), see printed CA Issue.
AB 2.3,5-Mc(Mo) 26M2CH2CN with 2.4,6,3-(MeO)3 (MeO2C) C6HCO2H-in (F3CCO) 20 gave 71% benzophenone (I) which with NaOMe in DNF gave 95% anthrol (II). II with H2O2 and NaON gave 95% 1,3,6,8-tetraentboxy-2-(semtboxycarboxyl)-5-methylanthraquinone which gave the 6-methylpretetramid analog (III) in 3 steps. Other anthraquinones including emodin and physcion were prepared similarly.

IT 52344-90-8P
RL: SPN (Synthetic preparation).

S2141-90-6V
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
52144-90-6 CAPLUS
Benzeneacetemide, N,2-bis(2,6-dimethoxybenzoyl)-3,5-dimethoxy- (9CI) (CA
INDEX NAME)

FILE 'HOME' ENTERED AT 15:10:23 ON 15 JUN 2007

SEARCH HISTORY

NODE ATTRIBUTES: DEFAULT MLEVEL IS ATOM DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: Ring(s) are isolated or embedded Number of Nodes is 17

STERSO ATTRIBUTES: NONE L11 625 SEA FILE=REGISTRY SSS FUL LE L35 STR

VPA 19-9/10/11/12 U
VPA 20-1/2/4/5/6 U
NODE ATTRIBUTES:
NSPEC IS RC AT 16
DEFAULT MLEVEL IS ATOM
DEFAULT SCLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STERBO ATTRIBUTES: NONE L38 STR

VPA 18-9/10/11/12 U VPA 19-9/10/11/12 U NODE ATTRIBUTES: NSPEC IS RC AT 16 DEFAULT MLEVEL IS ATOM DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

0 018

VPA 20-1/2/4/5/6 U
VPA 21-1/2/4/5/6 U
NODE ATTRIBUTES:
NSPEC IS RC AT 16
DEPAULT MLEVEL IS ATOM
DEPAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE 151 SEA FILE-REGISTRY SUB-L11 SSS FUL (L35 OR L36 OR L39)

100.0% PROCESSED SEARCH TIME: 00.00.01

(FILE 'HOME' ENTERED AT 14:40:53 ON 15 JUN 2007) FILE 'REGISTRY' ENTERED AT 14:41:33 ON 15 JUN 2007

97

STIC

STR 5 SEA SSS SAM L1 r3

10/561415

FILE 'ZCAPLUS' ENTERED AT 14:44:51 ON 15 JUN 2007 2 SEA ABB-ON L2 D SCAN TI L3

FILE 'REGISTRY' ENTERED AT 14:45:22 ON 15 JUN 2007 STR L1

5 SEA SSS SAM LA STR LA

11 SEA SSS SAM L6

L4 L5 L6 L7 L8 L9 L10 33 SEA SSS SAM L8
5028 SEA SSS FUL L8 EXTEND
625 SEA SSS FUL L8
SAVE TEMP L11 HAV415FULL/A

FILE 'ZCAPLUS' ENTERED AT 14:47:02 ON 15 JUN 2007 283 SEA ABB=ON L11 L12

L21

L13 L14 L15 L16

PILE 'REGISTRY' ENTERED AT 14:48:19 ON 15 JUN 2007 STR L6 STR L4 STR L4 22 SEA SUB-L11 SSS SAM (L13 OR L14 OR L15)

FILE 'STNGUIDE' ENTERED AT 14:52:39 ON 15 JUN 2007

FILE 'ZCAPLUS' ENTERED AT 14:52:47 ON 15 JUN 2007 23 SEA ABB-ON L16

FILE 'REGISTRY' SWYERED AT 14:53:43 ON 15 JUN 2007 STR LA 5 SEA SUB-L11 SSS SAM L18 5 SEA ABB-ON L5 AND L19

L19 L20

FILE 'CAPLUS' ENTERED AT 14:54:46 ON 15 JUN 2007 E US2005-561415/APPS 1 SEA ABB-ON US2005-561415/AP

D SCAN SEL RN

FILE 'REGISTRY' ENTERED AT 14:55:14 ON 15 JUN 2007

412 SEA ABB-ON (100-09-4/BI OR 100-52-7/BI OR 103-76-4/BI OR 1036-58-7/BI OR 106-95-6/BI OR 109-01-3/BI OR 103-70-6/BI OR 103-83-1/BI OR 106-85-3/BI OR 109-01-3/BI OR 101-97-7/BI OR 106-83-1/BI OR 110-83-3/BI OR 101-83-3/BI OR 101-83-3/BI OR 111-93-5/BI OR 111373-03-6/BI OR 112-91-8/BI OR 111-42-3/BI OR 111-95-5/BI OR 111373-03-6/BI OR 1213-11-5/BI OR 1213-5/BI OR 1213-5/BI OR 1213-5/BI OR 1213-5/BI OR 1213-5/BI OR 1213-5/ OR 4606-65-9/BI OR 4724-10-1/BI OR 4753-75-7/BI OR 4837-20-1/BI

10/561415

OR 488-93-7/BI OR 51254-17-2/BI OR 527-72-0/BI OR 537-37-0/BI OR 51617-35-9/BI OR 5407-04-5/BI OR 54093-33-3/BI OR 555-16-6/BI OR 51617-35-9/BI OR 5407-04-5/BI OR 54093-33-3/BI OR 555-16-6/BI OR 566-38-9/BI OR 659-98-9/BI OR 6527-94-4/BI OR 622-26-4/BI OR 627-30-5/BI OR 6452-04-2/BI OR 621-51-2/BI OR 622-26-4/BI OR 659-3-6/BI OR 6859-99-0/BI OR 68512-13-2/BI OR 7690-88-3/BI OR 819810-73-6/BI OR 819810-75-6/BI OR 68512-17-6/BI OR 619810-77-6/BI OR 619810-77-6/BI OR 619810-77-6/BI OR 619810-79-2/BI OR 619810-75-6/BI OR 619810-79-2/BI OR 619811-03-5/BI OR 619810-79-2/BI OR 619811-03-5/BI OR 619811-03-5/BI OR 619811-03-5/BI OR 619811-03-5/BI OR 619811-03-5/BI OR 619811-16-6/BI OR 619811-10-4/BI OR 619811-11-6/BI OR 619811-13-6/BI OR 619811-10-4/BI OR 619811-11-6/BI OR 619811-13-6/BI OR 619811-13-17-1/BI OR 619811-11-8-2/BI OR 619811-19-3/BI OR 619811-13-17-1/BI OR 619811-11-8-2/BI OR 619811-19-3/BI OR 619811-13-17-1/BI OR 619811-11-8-2/BI OR 619811-19-3/BI OR 619811-13-17-1/BI OR 619811-18-2/BI OR 619811-19-3/BI OR 619811-13-14-8/BI OR 619811-13-19-3/BI OR 619811-13-14-8/BI OR 619811-13-19-3/BI OR 619811-13-14-8/BI OR 619811-13-1

L23 L24

FILE 'ZCAPLUS' ENTERED AT 14:57:24 ON 15 JUN 2007 74 SEA ABB=ON L24 L25

'REGISTRY' ENTERED AT 14:57:42 ON 15 JUN 2007 191 SEA ABB-ON L24 AND 5<0

FILE 'ZCAPLUS' ENTERED AT 14:57:48 ON 15 JUN 2007 39 SEA ABB=ON L26 L27

E 'REGISTRY' ENTERED AT 14:58:02 ON 15
52 SEA ABB-ON L26 NOT L22
15175 SEA ABB-ON NITRODENZ
52 SEA ABB-ON L28 NOT L29
0 SEA ABB-ON L28 AND L29
118258 SEA ABB-ON NITRODENZ?
11 SEA ABB-ON NITRODENZ?
D SCAN L28 L29 L30 L31 L32 L33

FILE 'ZCAPLUS' ENTERED AT 15:01:47 ON 15 JUN 2007 12 SEA ABB=ON L33 L34

FILE 'REGISTRY' ENTERED AT 15:02:33 ON 15 JUN 2007

L35 L36 L37 L38 L39 L40 9 SEA SUB-L11 SSS SAM L35 9 SEA ABB-ON L36 NOT L22 STR L4 STR L4

9 SEA SUB-L11 SSS SAM (L35 OR L38 OR L39) D QUE

193 SEA SUB-L11 SSS PUL (L35 OR L38 OR L39) EXTEND
151 SEA SUB-L11 SSS PUL (L35 OR L38 OR L39) L41 L42

SAVE TEMP L42 HAV415SUB/A

'CAPLUS' ENTERED AT 15:05:38 ON 15 JUN 2007

L43 L44

1 SEA ABB-ON L42 1 SEA ABB-ON L21 OR (L21 AND L43) D SCAN HEAT SHOCK/OBI OR HSP90/OBI OR HSP/OBI

29025 SEA ABB-ON 283 SEA ABB-ON 283 SEA ABB-ON L11 10/561415

1 SEA ABB-ON L47 AND L45 166137 SEA ABB-ON ANTITUMOR AGENTS/CT 484200 SEA ABB-ON NEOPLAS7/OBI 8 SEA ABB-ON L47 AND (L49 OR L50) L48 L49 L50 L51

PILE 'CAPLUS' ENTERED AT 15:08:14 ON 15 JUN 2007 D QUE NOS L44 D IBIB ED ABS HITSTR L44

FILE 'REGISTRY' ENTERED AT 15:08:48 ON 15 JUN 2007 D STAT QUE L11

FILE 'CAPLUS' ENTERED AT 15:08:48 ON 15 JUN 2007 D QUE NOS L48 D QUE NOS L51 7 SEA ABB-ON (L48 OR L51) NOT L44 D IBIB ED ABS HITSTR 1-7

FILE 'REGISTRY' ENTERED AT 15:09:42 ON 15 JUN 2007 D STAT QUE L42

FILE 'CAPLUS' ENTERED AT 15:09:42 ON 15 JUN 2007 D QUE NOS L43 3 SEA ABB-00 L43 NOT (L44 OR L52) D IBIB ED ABS HITSTR 1-3 L53

FILE 'HOME' ENTERED AT 15:10:23 ON 15 JUN 2007 D STAT QUE L42

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	. 5	("7115651" "7074770").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:36
S2	6	"561415".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 08:55
<b>S3</b>	2	"7022700".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 17:27
S4	7	"309527".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 17:32
S5		"6495560".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 17:33
S6	2	"5523456".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/20 17:33